

Sub D17

1. (Three Times Amended) An automatic device for trimming and cutting at right angles paper and other graphic and photographic substrates (1) with a series of images (10) printed thereon and marked by boundary marks (M) having a feature comprising a preset sequence of white and black lines extending at least along a whole edge of each of said images (10) oriented at right angles to a feed direction of the substrate, the automatic device comprising:

at least a pair of rollers (2) for feeding the substrate;

a first motor (3) driving the pair of rollers;

a cutting assembly (7) spaced apart from the pair of rollers;

a second motor (9) driving the cutting assembly to cut;

a third motor (5) pivoting one of the cutting assembly and the pair of rollers from time to time to align said cutting assembly (7) and one of said boundary marks (M);

a reading system having first and second spaced apart optical sensors (4, 4') that detect one of the boundary marks (M) between the images; and

a microprocessor (12) in communication with said reading system and the second motor (9) and the third motor (5), the microprocessor having stored therein a preset sequence of marks corresponding to the feature of the boundary marks (M), the microprocessor (12) processing a signal from the reading system, recognizing the feature of the boundary marks (M) and controlling the second and third motors (9, 5).

REMARKS

Claims 1, 2 and 8 are currently pending in the application, as amended. Claim 1 has been amended to recite as an additional limitation that the microprocessor has stored therein "a preset sequence of marks corresponding to the feature of the boundary marks (M)." This limitation is disclosed in the specification, see page 5, lines 11-13, and was recited by substantially equivalent language in the wherein clause of claim 1 prior to the present amendment. Accordingly, no new matter has been added. Additionally, claim 1 has been amended to delete the wherein clause and recite in the preamble the unclaimed matter therein.

Applicant has clarified the rejected claims and has also narrowed the claims, thereby removing issues for appeal. Applicant respectfully submits: